

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: AHARONI=5b

In re Patent of:	)	Conf. No.: 6949
	)	
AHARONI et al.	)	
	)	
Patent No.: 7,053,043	)	Washington, D.C.
	)	
Issued: May 30, 2006	)	September 25, 2007
	)	
For: PHARMACEUTICAL	)	
COMPOSITIONS COMPRISING	)	ATTN: Certificate of
SYNTHETIC PEPTIDE...	)	Correction Division

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. §1.322

Honorable Commissioner for Patents  
U.S. Patent and Trademark Office  
Randolph Building, Mail Stop Post Issue  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In checking over the printed copy of the above-identified patent, we have found the following errors that are the fault of the Patent and Trademark Office. It is respectfully requested that these errors be corrected in accordance with 37 CFR §1.322(a). The errors to be corrected are listed below.

1) On the cover, section 75, in the list of inventors insert --Michael Sela (IL)--.

2) On the cover, section 60, insert --Provisional application No. 60/108,184, filed on Nov. 12, 1998.--

In re of U.S. Patent 7,053,043

3) Column 1, line 14, after "1999" insert --and  
60/108,184 filed on Nov. 12, 1998--.

We are attaching one copy of the Certificate of  
Correction form.

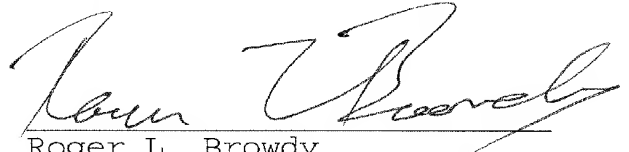
In accordance with MPEP §1480.01, in an effort to  
expedite processing of this request, also attached hereto are  
copies of the declaration filed on August 17, 2001, and the  
cover page of the published international application (PCT).

Granting of this request is earnestly solicited.

Respectfully submitted,

BROWDY AND NEIMARK, P.L.L.C.  
Attorneys for Applicant(s)

By

  
Roger L. Browdy  
Registration No. 25,618

:dtb  
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,053,043

APPLICATION NO.: 09/831,629

ISSUE DATE : May 30, 2006

INVENTOR(S) : AHARONI et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- 1) On the cover, section 75, in the list of inventors insert --Michael Sela (IL)--.
- 2) On the cover, section 60, insert --Provisional application No. 60/108,184, filed on Nov. 12, 1998.--
- 3) Column 1, line 14, after "1999" insert --and 60/108,184 filed on Nov. 12, 1998--.

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**  
624 Ninth Street, NW  
Suite 300  
Washington, DC 20001-5303

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

COPY

Page 1 of 2 Pages [x] Original [ ] Substitute [ ] Supplemental Atty. Docket AHARONI 5B

**Combined Declaration for Patent Application and Power of Attorney**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PHARMACEUTICAL COMPOSITIONS COMPRISING SYNTHETIC PEPTIDE COPOLYMERS AND METHOD FOR PREVENTING AND TREATING GVHD AND HVGD

the specification of which (check one)

- [ ] is attached hereto;  
 [ ] was filed in the United States under 35 U.S.C. §111 on \_\_\_\_\_, as  
 U.S. Appln. No. \_\_\_\_\_\*; or  
 [X] was/will be filed in the U.S. under 35 U.S.C. §371 by entry into the U.S. national stage of an international (PCT) application, PCT/US99/27107; filed 12 November 1999; entry requested on 11 May 2001\*; national stage application received U.S. Appln. No. 09/831,629\*; §371/§102(e) date \_\_\_\_\_\* (\* if known)

and was amended on \_\_\_\_\_ (if applicable).

(include dates of amendments under PCT Art. 19 and 34 if PCT)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and I acknowledge the duty to disclose to the Patent and Trademark Office (PTO) all information known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119 (a)-(d) and 365 (b) of any prior foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or under §365(a) of any PCT application which designated at least one country other than the U.S., listed below:

Application No.	Country	Filing Date (MM/DD/YYYY)
_____	_____	_____
_____	_____	_____

If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an international (PCT) application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having a filing date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):

Non-Priority Application No.	Country	Filing Date (MM/DD/YYYY)
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional applications listed below:

Application No.	Filing Date (MM/DD/YYYY)
60/108,184	12 November 1998
60/145,219	23 July 1999

I hereby claim the benefit under 35 U.S.C. §120 of any prior U.S. non-provisional application(s) or under §365(c) of any prior PCT international application(s) designating the U.S., listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such U.S. or PCT international application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the PTO all information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Filing Date (MM/DD/YYYY)	Status (patented, pending, abandoned)
_____	_____	_____
_____	_____	_____

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

All of the practitioners associated with Customer Number 001444

Direct all correspondence to the address associated with Customer Number 001444, which is presently:

**BROWDY AND NEIMARK, P.L.L.C.**  
 624 Ninth Street, N.W.  
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Atty. Docket: AHARONI 5B

Title: PHARMACEUTICAL COMPOSITIONS COMPRISING SYNTHETIC PEPTIDE ...U.S. Application filed \_\_\_\_\_, Serial No. 09/831,629

PCT Application filed \_\_\_\_\_, Serial No. \_\_\_\_\_

The undersigned hereby authorizes the U.S. Attorneys or Agents appointed herein to accept and follow instructions from Yeda Research and Development Co. Ltd. as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. Attorneys or Agents and the undersigned. In the event of a change of the persons from whom instructions may be taken, the U.S. Attorneys or Agents appointed herein will be so notified by the undersigned.

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST INVENTOR Rina AHARONI	INVENTOR'S SIGNATURE <i>Rina Aharoni</i>	DATE 16.8.01
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FULL NAME OF SECOND JOINT INVENTOR Dvora TEITELBAUM	INVENTOR'S SIGNATURE <i>Dvora Teitelbaum</i>	DATE 16.8.01
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FULL NAME OF THIRD JOINT INVENTOR Ruth ARNON	INVENTOR'S SIGNATURE <i>Ruth Arnon</i>	DATE 13.8.01
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FULL NAME OF FOURTH JOINT INVENTOR Michael SELA	INVENTOR'S SIGNATURE <i>Michael Sela</i>	DATE 13.8.2001
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FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		
FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		

ALL INVENTORS MUST REVIEW APPLICATION AND DECLARATION BEFORE SIGNING. ALL ALTERATIONS MUST BE INITIALED AND DATED BY ALL INVENTORS PRIOR TO EXECUTION. NO ALTERATIONS CAN BE MADE AFTER THE DECLARATION IS SIGNED. ALL PAGES OF DECLARATION MUST BE SIGNED BY ALL INVENTORS.

COPY

9876 PCT



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>A61K 38/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/27417</b> <b>(43) International Publication Date:</b> 18 May 2000 (18.05.00)
<b>(21) International Application Number:</b> PCT/US99/27107 <b>(22) International Filing Date:</b> 12 November 1999 (12.11.99)  <b>(30) Priority Data:</b> 60/108,184                      12 November 1998 (12.11.98)    US 60/145,219                      23 July 1999 (23.07.99)            US  <b>(71) Applicant (for all designated States except US):</b> YEDA RESEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; Weizmann Institute Of Science, P.O. Box 95, 76100 Rehovot (IL).  <b>(71) Applicant (for SD only):</b> MCINNIS, Patricia, A. [US/US]; 2325 42nd Street, N.W., Apartment #203, Washington, DC 20007 (US).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> AHARONI, Rina [IL/IL]; Hess Street 24 B, 76346 Rehovot (IL). TEITELBAUM, Dvora [IL/IL]; Shkolnik Street 5, 76209 Rehovot (IL). ARNON, Ruth [IL/IL]; Weizmann Institute Of Science, Meonot Shine 9, 76100 Rehovot (IL). SELA, Michael [IL/IL]; Weizmann Institute Of Science, Meonot Wix 2, 76100 Rehovot (IL).		<b>(74) Agents:</b> BROWDY AND NEIMARK, P.L.L.C. et al.; 624 Ninth Street, N.W., Suite 300, Washington, DC 20001-5303 (US).  <b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

**(54) Title:** PHARMACEUTICAL COMPOSITIONS COMPRISING SYNTHETIC PEPTIDE COPOLYMERS AND METHODS FOR PREVENTING AND TREATING GVHD AND HVGD

**(57) Abstract**

Compositions and methods for treating and preventing host-versus-graft disease and graft-versus-host disease comprising as active ingredient random copolymers of amino acids comprising one amino acid from at least three of the following groups: (a) lysine and arginine; (b) glutarnic acid and aspartic acid; (c) alanine and glycine; and (d) tyrosine and tryptophan; with the proviso that the random copolymer is not Copolymer 1 or D-Copolymer 1 when the disease being treated is graft-versus-host disease.